

IN THE CLAIMS

For the convenience of the Examiner, all pending claims of the present Application are shown below in numerical order whether or not an amendment has been made.

1. **(Previously Presented)** A method for use in a Web Services system, comprising:

 providing a Web Services Directory having object classes and attributes; and
 defining attributes of a specific type which correspond to a specific object class, each attribute unique to the specific object class to which the attribute belongs; and
 generating an index based on the specific attribute types.

2. **(Original)** The method as recited in claim 1, wherein the object classes are a subclass of an abstract object class.

3. **(Original)** The method as recited in claim 1, wherein the specific object class relates to at least one of keyed references, names and classes.

4. **(Original)** The method as recited in claim 1, wherein the object class is an auxiliary object class.

5. **(Original)** The method as recited in claim 4, wherein the auxiliary object class is a Publisher Assertion Keyed Reference.

6. **(Original)** The method as recited in claim 5, further comprising providing specific attributes which relate to one object class for a purpose of enhancing searching.

7. **(Previously Presented)** A computer recording medium including computer executable code for use in a Web Services system, comprising:

code for providing a Web Services Directory having object classes and attributes; and
code for defining attributes of a specific type which correspond to a specific object class, each attribute unique to the specific object class to which the attribute belongs; and
code for generating an index based on the specific attribute types.

8. **(Original)** The computer recording medium as recited in claim 7, wherein the object classes are a subclass of an abstract object class.

9. **(Original)** The computer recording medium as recited in claim 7, wherein the specific object class relates to at least one of keyed references, names and classes.

10. **(Original)** The computer recording medium as recited in claim 7, wherein the object class is an auxiliary object class.

11. **(Original)** The computer recording medium as recited in claim 10, wherein the auxiliary object class is a Publisher Assertion Keyed Reference.

12. **(Original)** The computer recording medium as recited in claim 11, further comprising code for providing specific attributes which relate to one object class for a purpose of enhancing searching.

13. **(Previously Presented)** A method for use in a Web Services system, comprising:

providing a Web Services Directory having a plurality of object classes, the plurality of object classes having a plurality of attributes, each attribute unique to an object class;

defining a plurality of unique names for each of the plurality of attributes, each of the plurality of unique names uniquely identifying the object class to which a particular attribute belongs; and

generating an index based on the plurality of unique names.

14. **(Previously Presented)** The method as recited in claim 13, wherein the plurality of object classes comprise subclasses of an abstract object class.

15. **(Previously Presented)** The method as recited in claim 13, wherein each of the plurality of object classes relate to at least one of keyed references, names and classes.

16. **(Previously Presented)** The method as recited in claim 13, wherein the plurality of object classes comprise auxiliary object classes.

17. **(Previously Presented)** The method as recited in claim 16, wherein the auxiliary object classes comprise Publisher Assertion Keyed References.